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NEWS 11 FEB 02 Simultaneous left and right truncation (SLART) added
for CERAB, COMPUAB, ELCOM, and SOLIDSTATE
NEWS 12 FEB 02 GENBANK enhanced with SET PLURALS and SET SPELLING
NEWS 13 FEB 06 Patent sequence location (PSL) data added to USGENE
NEWS 14 FEB 10 COMPENDEX reloaded and enhanced
NEWS 15 FEB 11 WTEXTILES reloaded and enhanced

NEWS EXPRESS JUNE 27 08 CURRENT WINDOWS VERSION IS V8.3,
AND CURRENT DISCOVER FILE IS DATED 23 JUNE 2008.

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DICTIONARY FILE UPDATES: 11 FEB 2009 HIGHEST RN 1104680-36-5

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=> s gabapentin/cn

L1 1 GABAPENTIN/CN

=> d L1

L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2009 ACS on STN

RN 60142-96-3 REGISTRY

ED Entered STN: 16 Nov 1984

CN Cyclohexaneacetic acid, 1-(aminomethyl)- (CA INDEX NAME)

OTHER NAMES:

CN 1-(Aminomethyl)cyclohexaneacetic acid

CN CI 945

CN Gabapen

CN Gabapentin

CN Go 3450

CN GOE 2450

CN GOE 3450

CN Neurontin

MF C9 H17 N O2

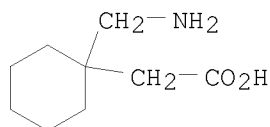
CI COM

LC STN Files: ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, BEILSTEIN*, BIOSIS,
BIOTECHNO, CA, CAPLUS, CASREACT, CBNB, CHEMCATS, CHEMLIST, CIN, CSCHEM,
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Other Sources: EINECS**, WHO

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PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2083 REFERENCES IN FILE CA (1907 TO DATE)
 66 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 2096 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> file caplus
 COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
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FILE COVERS 1907 - 12 Feb 2009 VOL 150 ISS 7
 FILE LAST UPDATED: 11 Feb 2009 (20090211/ED)

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=> s L1 and (granulate or granulation)
 2096 L1
 4268 GRANULATE
 28375 GRANULATION
 L2 23 L1 AND (GRANULATE OR GRANULATION)

=> d 12 20-23 IBIB ABS

L2 ANSWER 20 OF 23 CAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 2004:331964 CAPLUS
 DOCUMENT NUMBER: 140:344917
 TITLE: Gabapentin tablets preparation

INVENTOR(S): Manikandan, Ramalingam; Gogia, Ashish; Roy, Sunilendu
 Bhushan; Malik, Rajiv
 PATENT ASSIGNEE(S): Ranbaxy Laboratories Limited, India
 SOURCE: PCT Int. Appl., 18 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 2
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004032905	A1	20040422	WO 2003-IB4436	20031008
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
IN 195214	A1	20050128	IN 2002-DE1023	20021008
IN 2002DE01023	A	20050128		
AU 2003267732	A1	20040504	AU 2003-267732	20031008
EP 1558218	A1	20050803	EP 2003-748426	20031008
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
CN 1720025	A	20060111	CN 2003-80105033	20031008
US 20060039968	A1	20060223	US 2005-530592	20050407
PRIORITY APPLN. INFO.:			IN 2002-DE1023	A 20021008
			WO 2003-IB4436	W 20031008

AB The present invention is generally directed to methods for preparing stable gabapentin tablets by wet granulation. A wet granulation method for preparing gabapentin tablets includes forming a mixture by dry mixing of a first portion of a binder with the gabapentin, one or more excipients, or a combination of the gabapentin and the one or more excipients; and adding a second portion of the binder to the mixture, wherein the second portion of the binder is in the form of a solution or dispersion.

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 21 OF 23 CAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 2003:319273 CAPLUS
 DOCUMENT NUMBER: 138:326578
 TITLE: Process for preparing tannate tablet, capsule or other solid dosage forms
 INVENTOR(S): Kiel, Jeffrey S.; Thomas, H. Greg; Mani, Narasimhan
 PATENT ASSIGNEE(S): Kiel Laboratories, Inc., USA
 SOURCE: U.S. Pat. Appl. Publ., 7 pp.
 CODEN: USXXCO
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 4
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 20030077321	A1	20030424	US 2002-269027	20021010
US 7273623	B2	20070925		

CA 2453256	A1	20031023	CA 2003-2453256	20030226
CA 2469736	A1	20031023	CA 2003-2469736	20030226
WO 2003086356	A1	20031023	WO 2003-US5664	20030226
W: AU, CA, US				
WO 2003086346	A1	20031023	WO 2003-US5667	20030226
W: AU, CA, US				
AU 2003217703	A1	20031027	AU 2003-217703	20030226
AU 2003217704	A1	20031027	AU 2003-217704	20030226
CA 2482013	A1	20040422	CA 2003-2482013	20030409
WO 2004032826	A2	20040422	WO 2003-US10918	20030409
WO 2004032826	A3	20040826		
W: CA				
RW: AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
EP 1622586	A2	20060208	EP 2003-817708	20030409
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, SK				
US 20050069584	A1	20050331	US 2004-505347	20040819
US 20070020332	A1	20070125	US 2006-501649	20060809
PRIORITY APPLN. INFO.:				
			US 2001-328990P	P 20011012
			US 2001-282969P	P 20010410
			US 2002-119285	A 20020409
			US 2002-269027	A 20021010
			WO 2003-US5664	W 20030226
			WO 2003-US5667	W 20030226
			WO 2003-US10918	W 20030409
			US 2004-921438	A2 20040819

AB An active pharmaceutical ingredient is combined with tannic acid to form a tannate salt complex of the active ingredient. The active ingredient tannate salt complex without isolation or purification is then blended with pharmaceutically acceptable excipients to form a granulate which is processed into a tablet or capsule to generate a therapeutic solid dosage form. For example, tablets were prepared containing carbetapentane tannate 60.0 mg, chlorpheniramine tannate 4.0 mg, phenylephrine tannate 10.0 mg, magnesium aluminum silicate 30.0 mg, Avicel PH 102 459.642 mg, Methocel E-10 M 5.0 mg, corn starch 3.0 mg, calcium phosphate dibasic 10.133 mg, xanthan gum 7.875 mg, talc 2.25 mg, FD&C Red #40 0.85 mg, and magnesium stearate 2.25 mg.

REFERENCE COUNT: 33 THERE ARE 33 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 22 OF 23 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2002:256071 CAPLUS
DOCUMENT NUMBER: 136:284459
TITLE: Stable solid dosage forms of amino acids
INVENTOR(S): Spireas, Spiridon
PATENT ASSIGNEE(S): Sigmapharm, Inc., USA
SOURCE: PCT Int. Appl., 44 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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WO 2002026263	A2	20020404	WO 2001-US30095	20010926
WO 2002026263	A3	20030103		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG,				

US, UZ, VN, YU, ZA, ZW
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,
 DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,
 BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

US 20020091159	A1	20020711	US 2001-928467	20010813
US 7056951	B2	20060606		
CA 2422871	A1	20020404	CA 2001-2422871	20010926
AU 2001094736	A	20020408	AU 2001-94736	20010926
EP 1322335	A2	20030702	EP 2001-975405	20010926
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
NZ 524463	A	20041029	NZ 2001-524463	20010926
AU 2001294736	B2	20060817	AU 2001-294736	20010926
CN 1287782	C	20061206	CN 2001-816136	20010926
MX 2003002553	A	20040910	MX 2003-2553	20030325

PRIORITY APPLN. INFO.:
 US 2000-235349P P 20000926
 US 2001-928467 A 20010813
 WO 2001-US30095 W 20010926

OTHER SOURCE(S): MARPAT 136:284459

AB Pharmaceutical formulations contain an amino acid which is susceptible to the formation of an undesirable lactam, and a stabilizer comprising a volatile alc., a nonvolatile alc., a water-immiscible liquid or solid, a liquid with a relatively low dielec. constant, liquid and solid surfactants, an antioxidant, a ketone, an aldehyde, a solid polyethylene glycol of high mol. weight, polyvinylpyrrolidone, a derived cellulose, silicon dioxide, or a combination to inhibit the lactam formation. Thus, a formulation contained anhydrous gabapentin 400, corn starch 113, and water 100 mg/unit dose.

REFERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 23 OF 23 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 1999:753060 CAPLUS

DOCUMENT NUMBER: 131:356133

TITLE: Solid compositions containing γ -aminobutyric acid derivatives

INVENTOR(S): Aomatsu, Akira

PATENT ASSIGNEE(S): Warner-Lambert Company, USA

SOURCE: PCT Int. Appl., 99 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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WO 9959572	A1	19991125	WO 1999-US10186	19990510
W: AE, AL, AU, BA, BB, BG, BR, CA, CN, CU, CZ, EE, GD, GE, HR, HU, ID, IL, IN, IS, JP, KP, KR, LC, LK, LR, LT, LV, MG, MK, MN, MX, NO, NZ, PL, RO, SG, SI, SK, SL, TR, TT, UA, US, UZ, VN, YU, ZA, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
CA 2325045	A1	19991125	CA 1999-2325045	19990510
CA 2325045	C	20050503		
AU 9940733	A	19991206	AU 1999-40733	19990510
AU 769038	B2	20040115		
BR 9910494	A	20010109	BR 1999-10494	19990510
EP 1077691	A1	20010228	EP 1999-924164	19990510
EP 1077691	B1	20080910		

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, SI, LT, LV, FI, RO, CY, AL, MK

HU 2001001791	A2	20011028	HU 2001-1791	19990510
HU 2001001791	A3	20030328		
EE 200000671	A	20020415	EE 2000-671	19990510
NZ 507162	A	20031128	NZ 1999-507162	19990510
CN 1171587	C	20041020	CN 1999-805978	19990510
CN 1575817	A	20050209	CN 2004-10077021	19990510
CN 100337687	C	20070919		
AT 407668	T	20080915	AT 1999-924164	19990510
TW 592691	B	20040621	TW 1999-88107705	19990512
IN 2000MN00458	A	20050715	IN 2000-MN458	20000925
MX 2000009535	A	20010306	MX 2000-9535	20000928
ZA 2000006483	A	20020409	ZA 2000-6483	20001109
NO 2000005765	A	20001114	NO 2000-5765	20001114
IN 2001MN00451	A	20050318	IN 2001-MN451	20010424
HK 1036407	A1	20050603	HK 2001-107302	20011018
JP 2004043506	A	20040212	JP 2003-371461	20031031
JP 3944150	B2	20070711		
HK 1072729	A1	20020418	HK 2005-105487	20050629

PRIORITY APPLN. INFO.:

JP 1998-133112	A	19980515
JP 1998-133122	A	19980515
CN 1999-805978	A3	19990510
WO 1999-US10186	W	19990510
JP 2002-189768	A3	19990514

OTHER SOURCE(S): MARPAT 131:356133

AB The present invention provides a stabilized solid composition containing a 4-amino-3-substituted-butanoic acid derivative which can be obtained by incorporating a humectant as a stabilizer. Bulk powders of gabapentin (250 g) were sprayed with 72 g water by means of a fluidized granulator and then dried to give gabapentin granular powders A. A second batch of bulk powders of gabapentin (250 g) were sprayed with a solution of 5 g propylene glycol in 67 g water by means of the fluidized granulator and then dried to give gabapentin granular powders B. The gabapentin granular powders A and B obtained were stored under conditions and then the lactam formed in each of the powders was determined by HPLC. E.g., gabapentin bulk powders stored for 4 wk at 50° and 85% humidity did not show any degradation

REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

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FULL ESTIMATED COST	25.98	34.08
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-3.28	-3.28

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CA SUBSCRIBER PRICE	0.00	-3.28

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